

Data File : BM010728.D

Acq On : 24 Jun 2017 14:02

Operator : SJ/JU

Sample : I3653-04MEDL 5X

Misc :

ALS Vial : 44 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

F5B21MEDL

Manual Integrations

APPROVED

mohammad

6/28/2017 7:38:36 AM

Quant Time: Jun 26 04:37:13 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Jun 26 01:49:13 2017

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	78254	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	364889	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	260668	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	654200	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	701278	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	523336	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	309	0.23	ng/uL	0.00
5) Phenol-d5	6.65	99	14922	2.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	8566	2.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	11910	2.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	13284	2.15	ng/ul	-0.01
19) Nitrobenzene-d5	8.60	128	6004	2.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	7278	2.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	13803	2.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	15431	2.32	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	53171	2.32	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	58146	2.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	5997	1.49	ng/ul	-0.01
57) Fluorene-d10	15.11	176	48413	2.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	6209	1.55	ng/ul	-0.01
70) Anthracene-d10	16.96	188	77953m	2.47	ng/ul	0.00
76) Pyrene-d10	19.27	212	89679	2.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	59891	2.37	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.27	128	304149	16.75	ng/ul	98
34) 2-Methylnaphthalene	11.89	142	63318	4.34	ng/ul	99
44) Dimethylphthalate	13.57	163	27570	1.23	ng/ul	98
49) Acenaphthene	14.17	153	47855	2.80	ng/ul	97
53) Dibenzofuran	14.51	168	74555	2.88	ng/ul	93
58) Fluorene	15.16	166	66024	3.04	ng/ul	97
69) Phenanthrene	16.91	178	316817	9.11	ng/ul	98
71) Anthracene	17.00	178	51453	1.44	ng/ul	99
72) Carbazole	17.27	167	49184	1.57	ng/ul	96
74) Fluoranthene	18.93	202	184780	4.12	ng/ul	98
77) Pyrene	19.30	202	121515	3.00	ng/ul#	95

(#)=qualifier out of range (m)=manual integration (+)=signals summed

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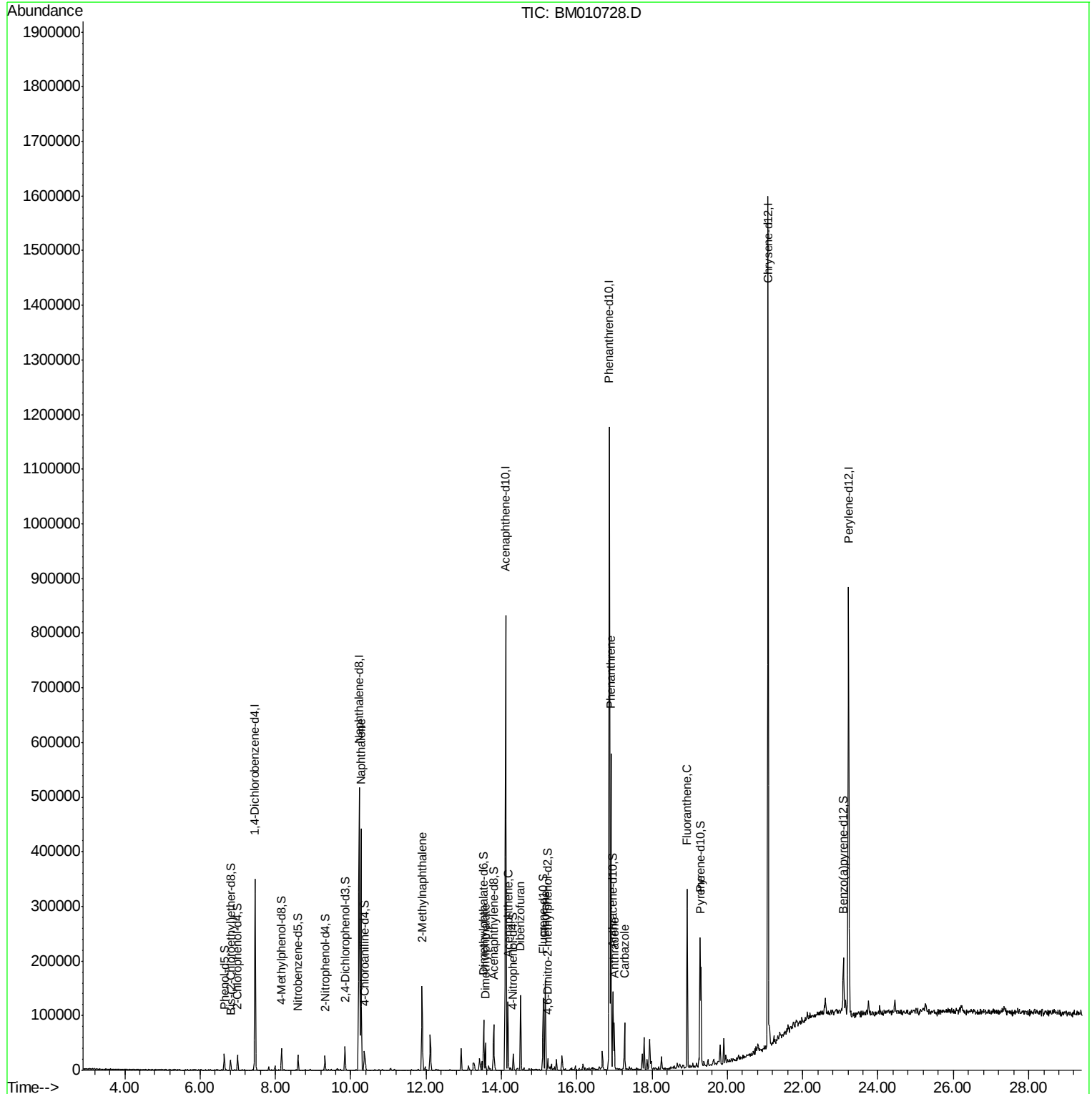
Quant Time: Jun 26 04:37:13 2017

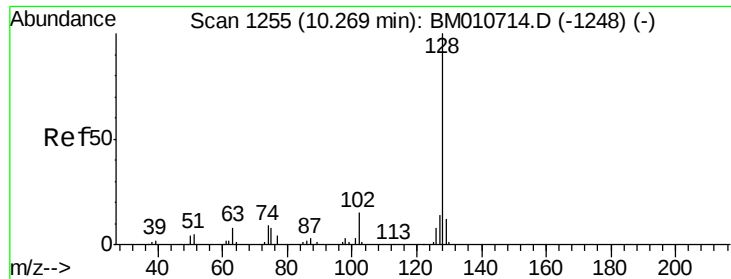
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Jun 26 01:49:13 2017

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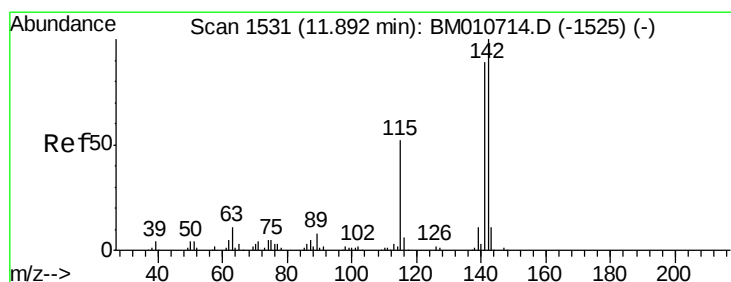
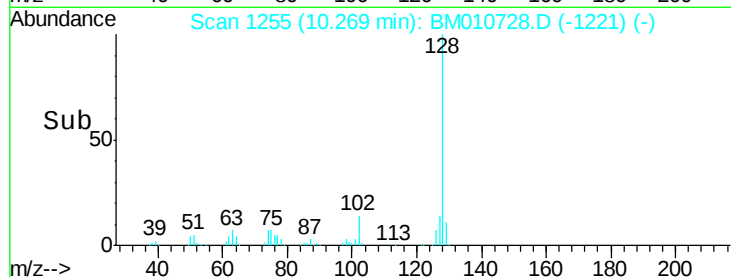
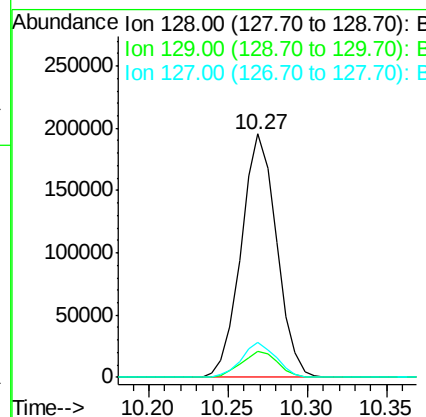
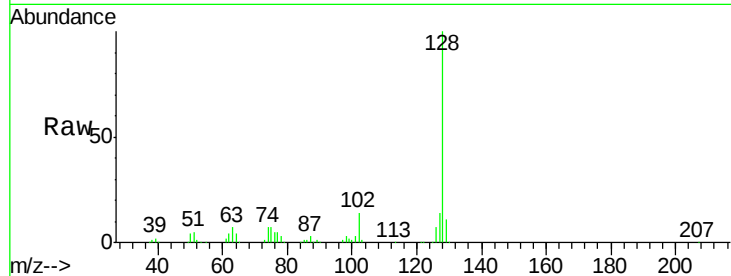
#28
Naphthalene
Concen: 16.75 ng/ul
RT: 10.27 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BM010728.D
Acq: 24 Jun 2017 14:02

Instrument :
BNA_M
ClientSampleId :
F5B21MEDL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	14.3	10.6	16.0

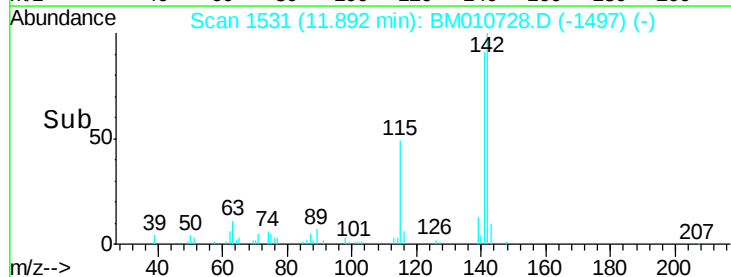
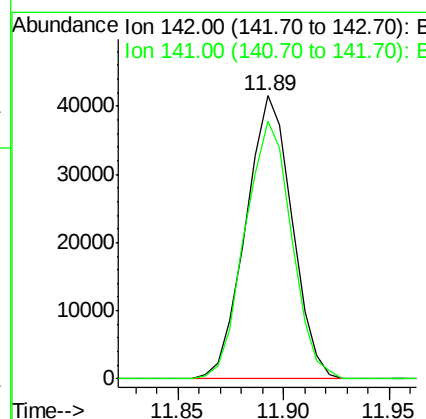
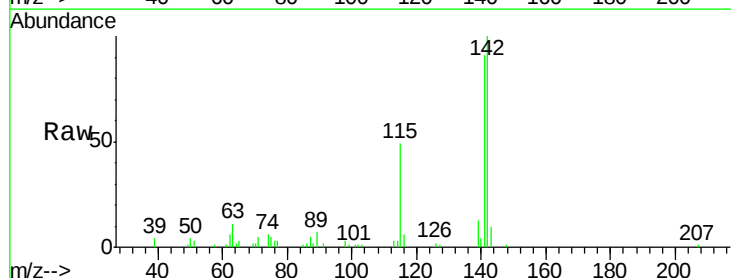
Manual Integrations
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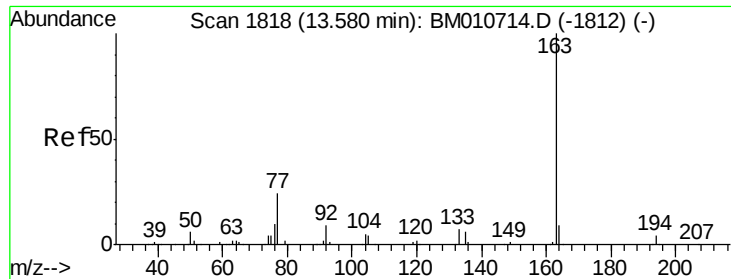
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#34
2-Methylnaphthalene
Concen: 4.34 ng/ul
RT: 11.89 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BM010728.D
Acq: 24 Jun 2017 14:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	74.1	111.1





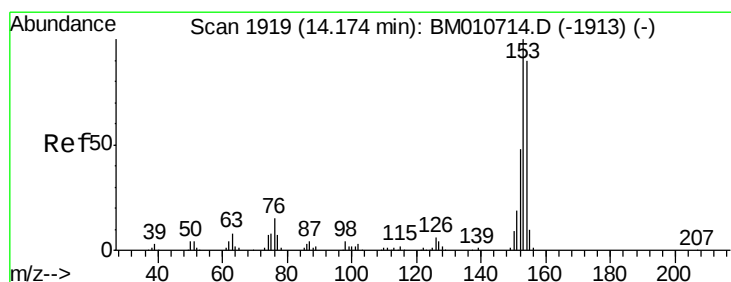
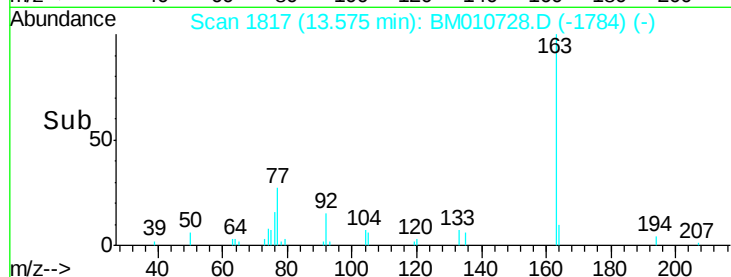
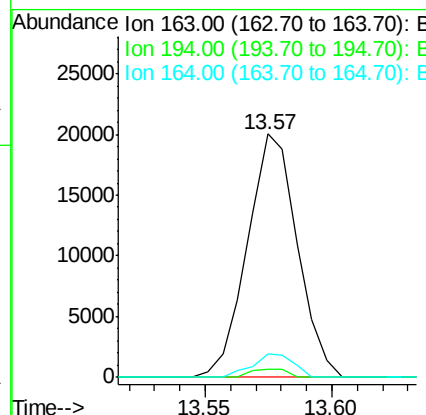
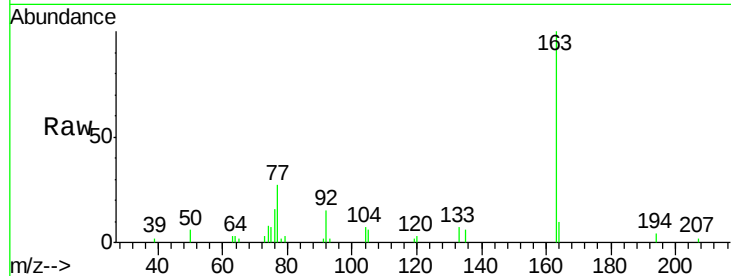
#44
Dimethylphthalate
Concen: 1.23 ng/ul
RT: 13.57 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BM010728.D
Acq: 24 Jun 2017 14:02

Instrument :
BNA_M
ClientSampleId :
F5B21MEDL

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	27570		
194	3.6		3.5	5.3
164	9.6		8.2	12.4

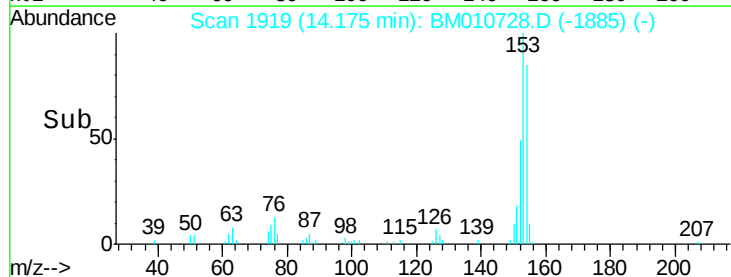
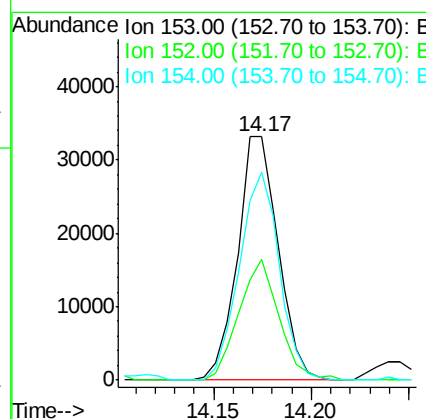
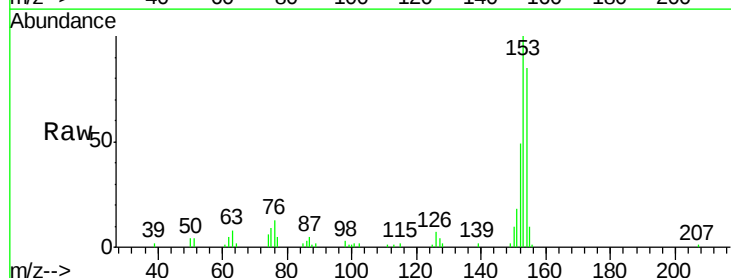
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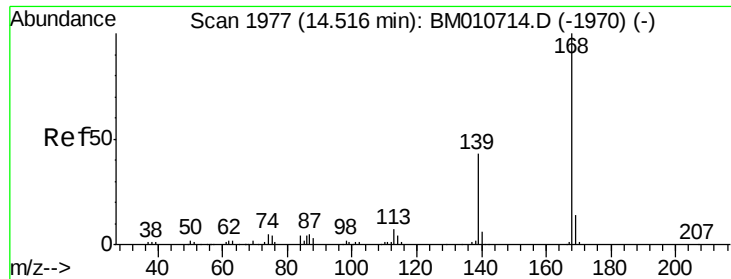
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#49
Acenaphthene
Concen: 2.80 ng/ul
RT: 14.17 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BM010728.D
Acq: 24 Jun 2017 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	47855		
152	49.3		37.6	56.4
154	85.2		70.4	105.6





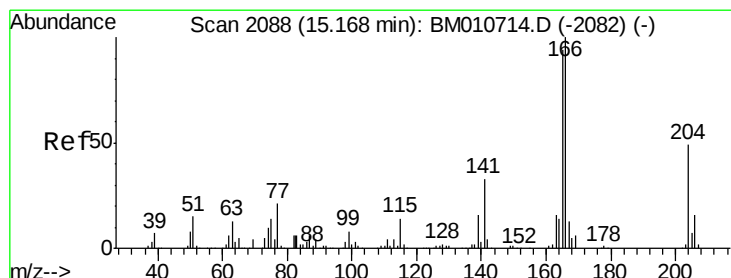
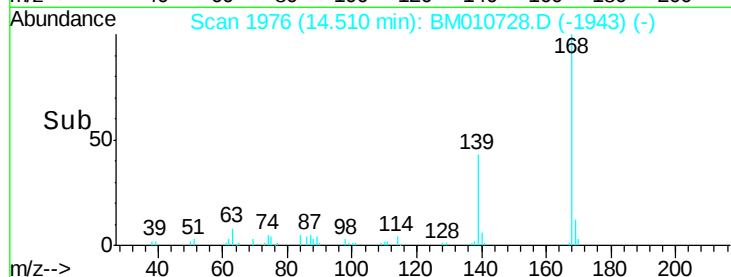
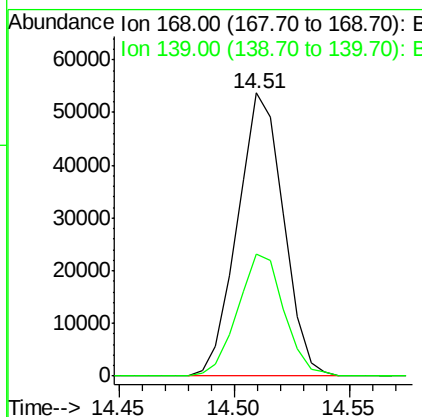
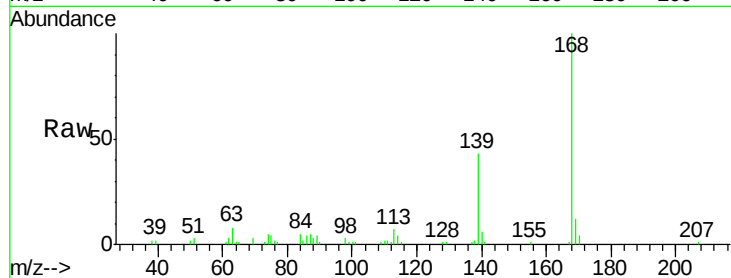
#53
Dibenzenofuran
Concen: 2.88 ng/ul
RT: 14.51 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM010728.D
Acq: 24 Jun 2017 14:02

Instrument :
BNA_M
ClientSampleId :
F5B21MEDL

Tgt Ion:168 Resp: 74555
Ion Ratio Lower Upper
168 100
139 43.0 30.8 46.2

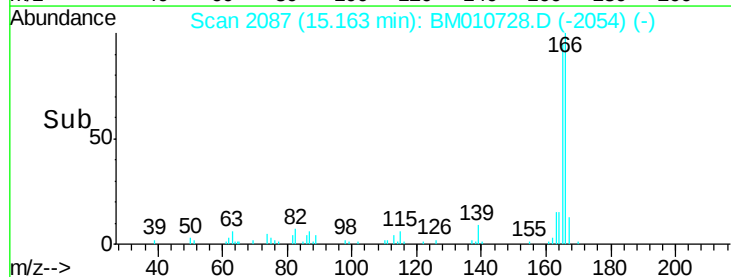
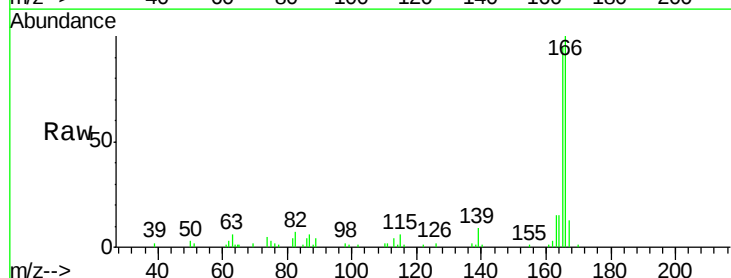
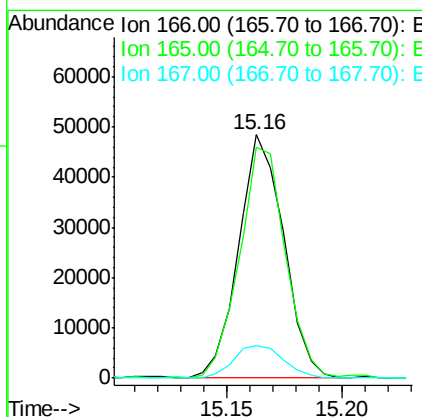
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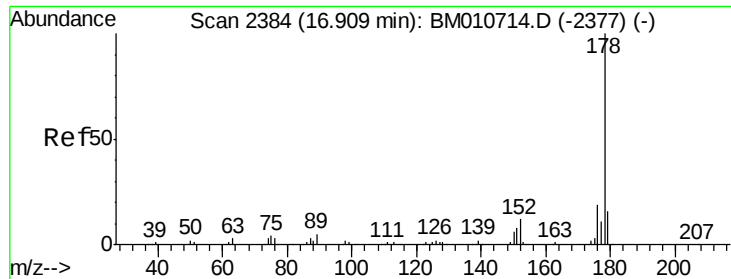
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#58
Fluorene
Concen: 3.04 ng/ul
RT: 15.16 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BM010728.D
Acq: 24 Jun 2017 14:02

Tgt Ion:166 Resp: 66024
Ion Ratio Lower Upper
166 100
165 94.6 77.9 116.9
167 13.4 10.6 16.0





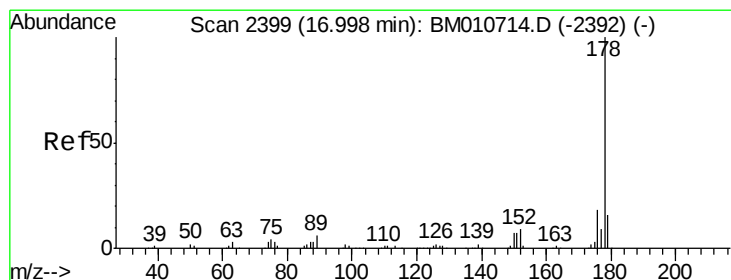
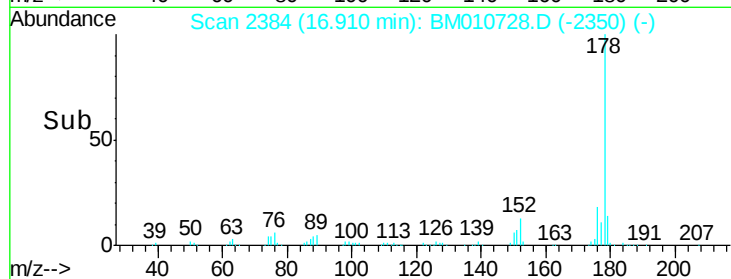
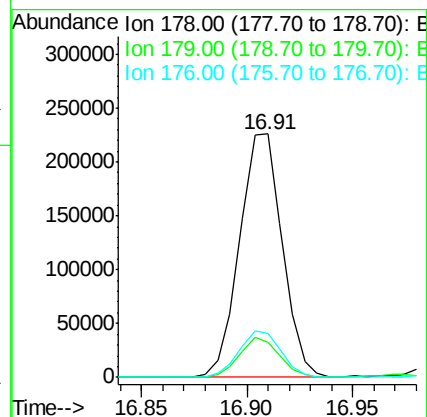
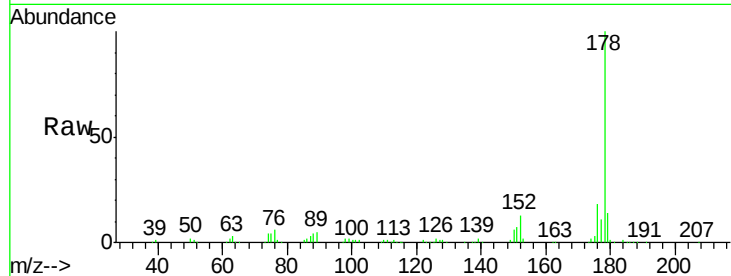
#69
Phenanthrene
Concen: 9.11 ng/ul
RT: 16.91 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BM010728.D
Acq: 24 Jun 2017 14:02

Instrument :
BNA_M
ClientSampleId :
F5B21MEDL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.3	12.6	19.0
176	18.3	14.9	22.3

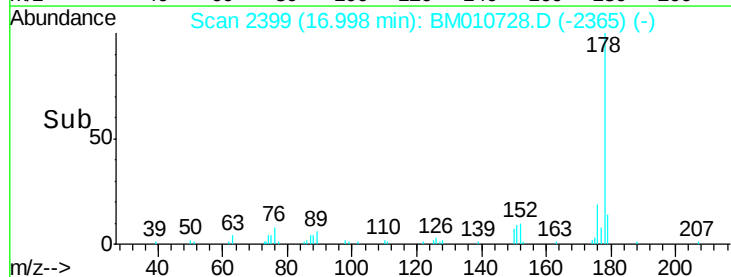
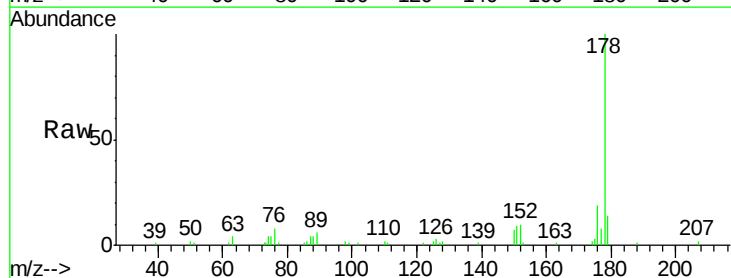
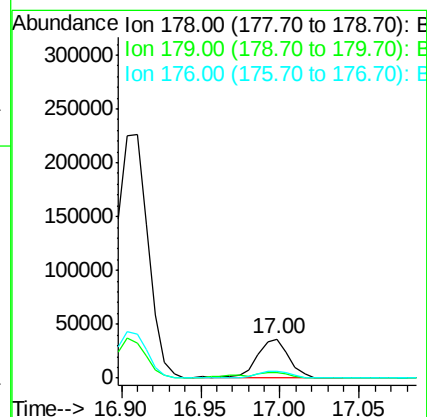
Manual Integrations
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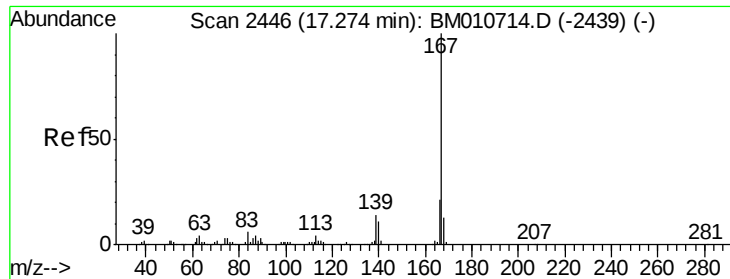
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#71
Anthracene
Concen: 1.44 ng/ul
RT: 17.00 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BM010728.D
Acq: 24 Jun 2017 14:02

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.1	11.7	17.5
176	19.0	14.6	21.8





#72

Carbazole

Concen: 1.57 ng/ul

RT: 17.27 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BM010728.D

Acq: 24 Jun 2017 14:02

Instrument :

BNA_M

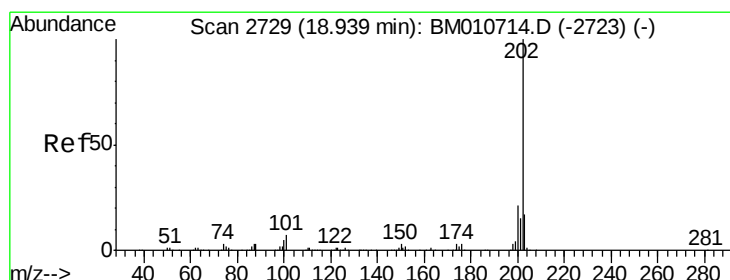
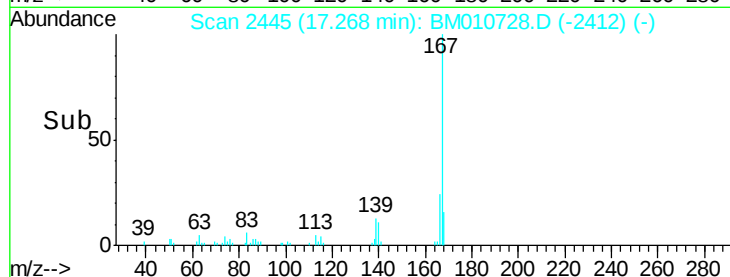
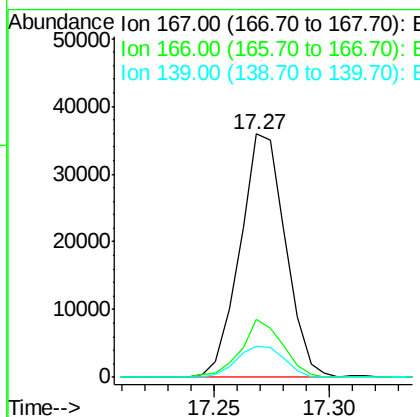
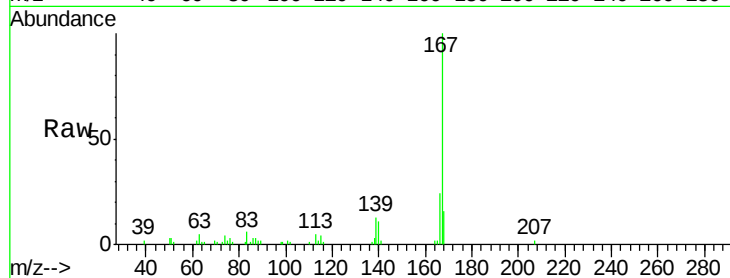
ClientSampleId :

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Tgt Ion:	167	Resp:	49184
Ion Ratio		Lower	Upper
167	100		
166	24.1	17.1	25.7
139	13.0	10.0	15.0

Manual Integrations
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#74

Fluoranthene

Concen: 4.12 ng/ul

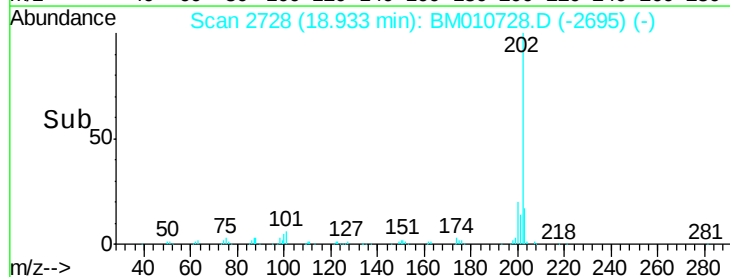
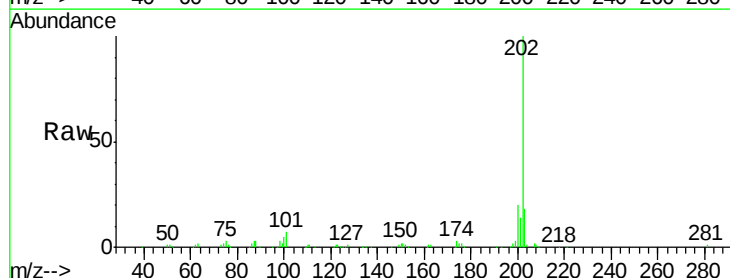
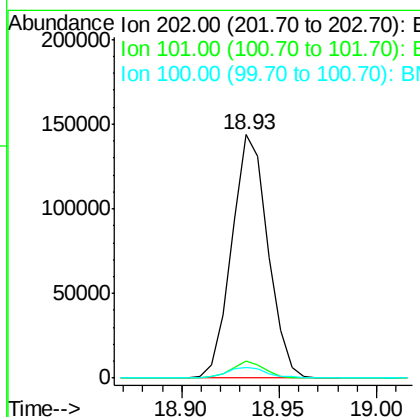
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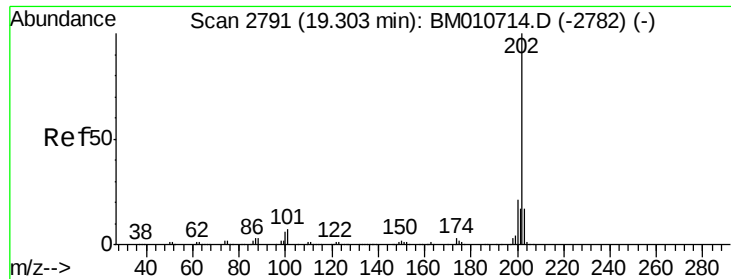
Delta R.T. -0.01 min

Lab File: BM010728.D

Acq: 24 Jun 2017 14:02

Tgt Ion:	202	Resp:	184780
Ion Ratio		Lower	Upper
202	100		
101	6.9	4.6	7.0
100	4.6	3.4	5.2





#77
 Pyrene
 Concen: 3.00 ng/ul
 RT: 19.30 min Scan# 2790
 Delta R.T. -0.01 min
 Lab File: BM010728.D
 Acq: 24 Jun 2017 14:02

Instrument :
 BNA_M
 ClientSampleId :
 F5B21MEDL

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		121515		
101	8.7	5.1	7.7#		
100	6.9	4.9	7.3		

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